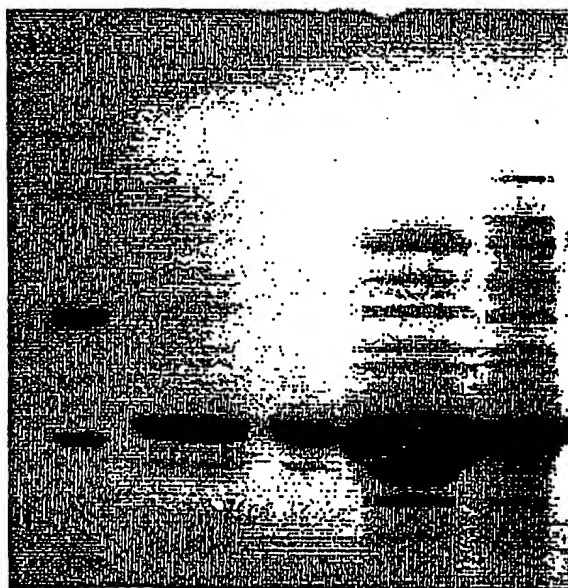


Fig. 1:



←  
G38D mutein of recADH

5 4 3 2 1

Fig. 2:

top abscissa: pH optimum  
 ordinate: Activity [U/ml]  
 bottom abscissa: pH  
 symbols: Reduction of citric acid/NaPO<sub>4</sub>  
 Oxidation of citric acid/NaPO<sub>4</sub>  
 Reduction of TEA/HCl  
 Oxidation of TEA/HCl  
 Reduction of glycine/NaOH  
 Oxidation of glycine/NaOH

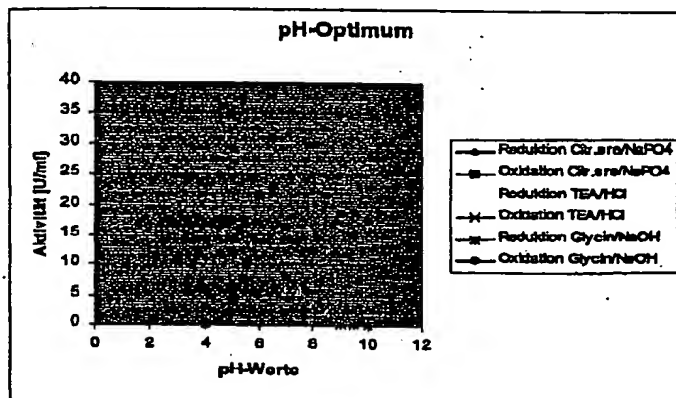


Fig. 3:

top abscissa: pH stability  
 ordinate: Residual activity [%]  
 bottom abscissa: pH  
 symbols: Citric acid/NaPO<sub>4</sub>  
 TEA/NaOH  
 Glycine/NaOH

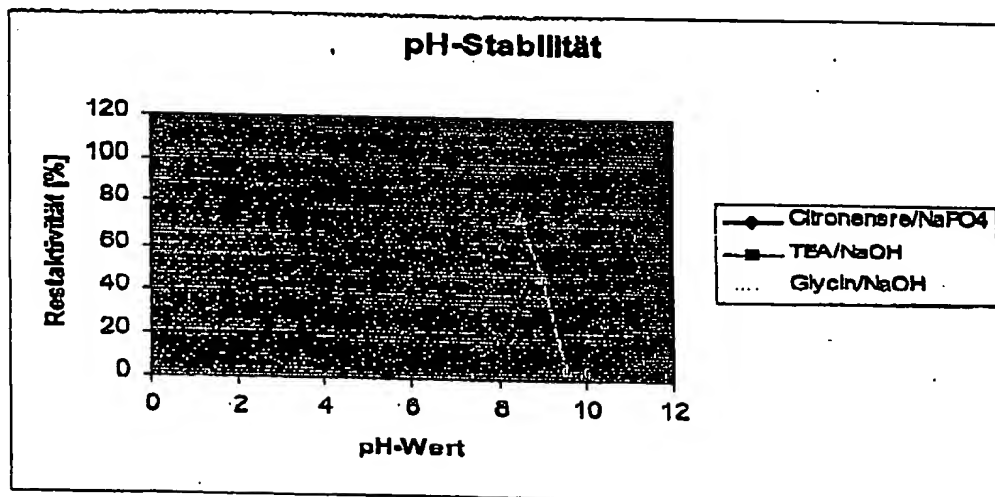


Fig. 4

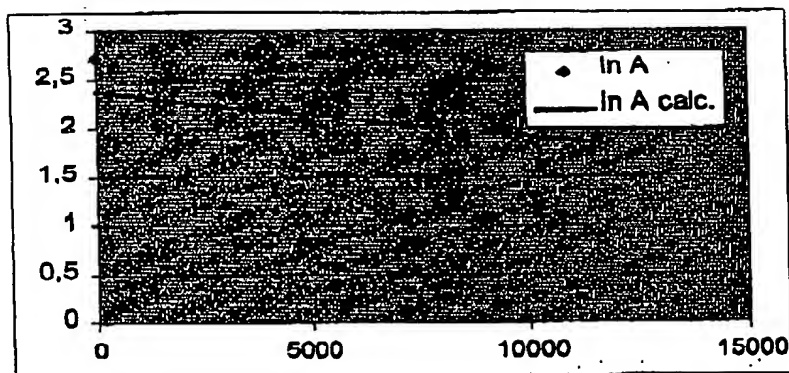


Fig. 5

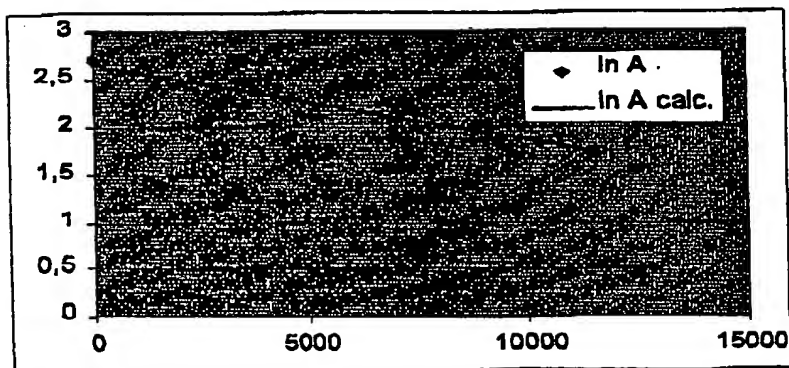


Fig. 6:  
top abscissa: Temperature optimum of recadh G38D  
ordinate: Activity [U/ml]  
bottom abscissa: Temperature [°C]

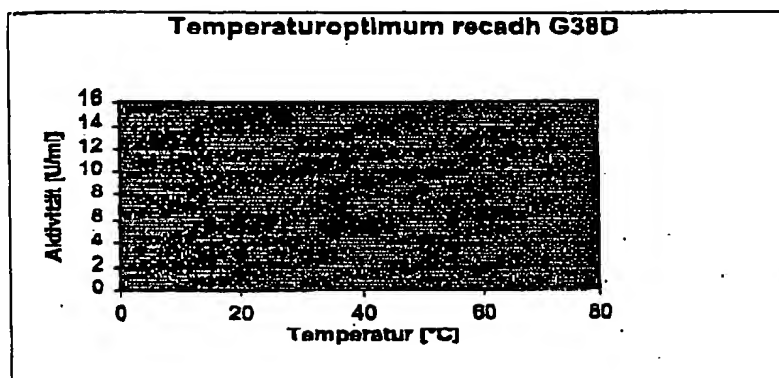
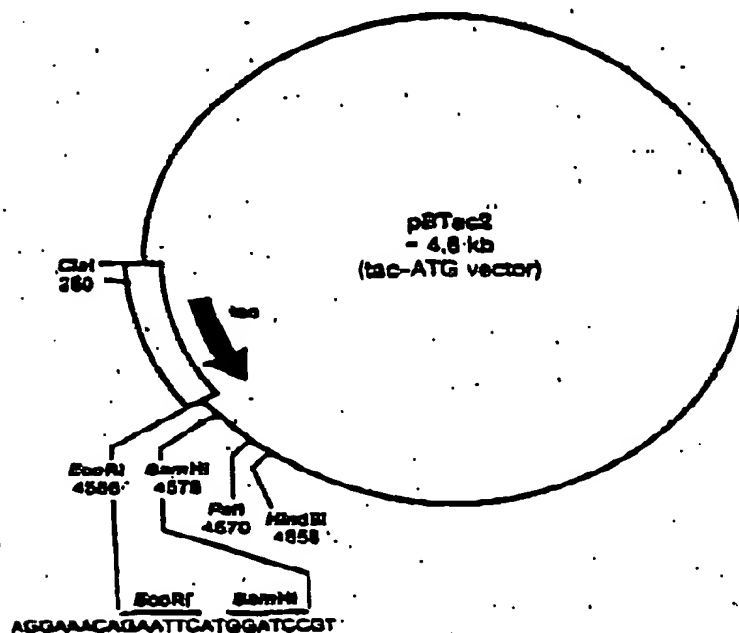


Fig. 7



..Restriction map of pBTac 2 DNA: